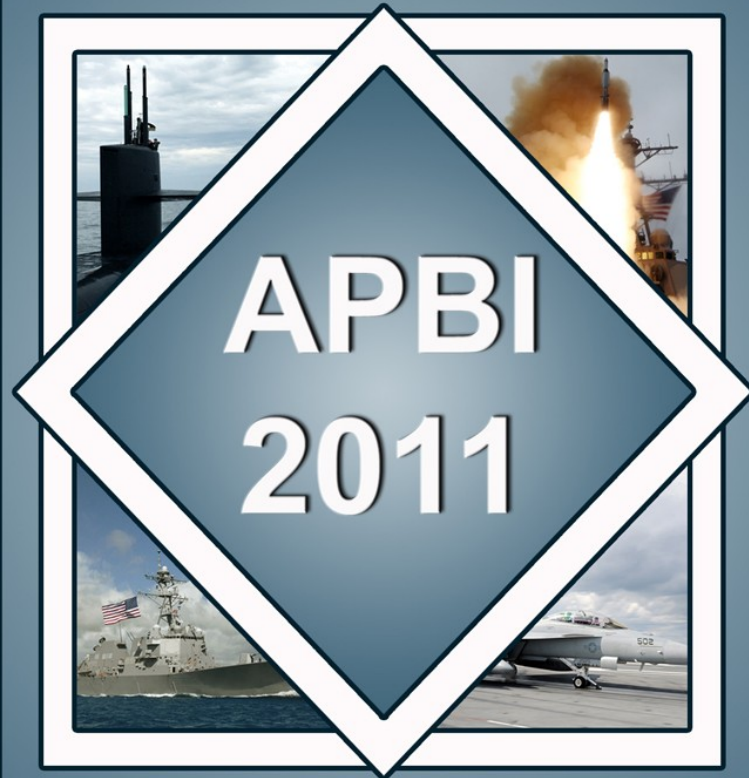




## Naval Surface Warfare Center Crane Division

*Advance Planning Briefings for Industry*



*"Warfighter Success - Supporting the Warfighter"*

# Customer Advocate

29 MAR 2011

Jerry

Mckamey

# Strategic Systems Program



# Description of Portfolio Strategic Systems Program

---

## Key Sponsors:

- SP22 Launcher
- SP23 Flight Control
- SP23 Guidance
- SP24 Navigation
- SP27 Electronics, Ordnance
- SP27 Power TITLE III
- SP2015 Quality
- SP206 Logistics
- SP28 Reentry
- SP2012 Integration and Test

## Financial Overview

- FY11 \$91M
- 300 WY's

# Strategic Systems Program Strategic Environment

---

- **Nuclear Posture Review**
  - Triad still exists but non-nuclear will play more of a role
  - D5 “Forever”
- **New START Treaty**
  - Reduction of full tubes
  - Fewer launch tubes in Ohio Class Replacement
- **Strategic Systems Program Budget Realities**
  - Admiral Terry Benedict -
    - “We are acting like a 5% program in a 1% world!”
    - “We have enough money to do it right the first time.”
  - Reduce SSP footprint – Consolidation and Commonality will be focused on for current and future Strategic Weapon System (SWS) Acquisition
- **Ohio Replacement Program**
  - New Platform
    - Driving changes to SWS but will be same D5 Life Extension Missile



# Strategic Systems Program Strategic Theme(s)

---

## Strategic missions

- Strategic Electronics Design & Development
- Premier facilities for conducting Failure & Material Analysis
- Strategic Hardware Test Capability
- DoD Leadership in radiation hardened electronics & radiation technology
- DoD's largest and most capable battery evaluation facility



# Strategic Systems Program Critical Areas

---

## **Become a nationally recognized leader in:**

- Missile Support Systems
- Trusted Electronics & Sensors
- Ordnance Test & Evaluation
- Battery Test and Evaluation

# Missile Support Systems

---

- **GOAL**

- Develop capabilities and partnerships necessary to provide total life cycle management of Mechanical and Electrical Support Equipment (SE) for SSP.

- **Objectives**

- Utilize existing Mechanical SE expertise and assignments to become provider of choice for all SSP Branches.
    - Leverage MDA and SMDC team expertise to become DoD Large Missile Mechanical SE COE.
  - Utilize Crane government and contractor team expertise to establish Crane as the Electrical SE manager for SSP.
    - Leverage current capabilities, facilities and Mechanical SE

# Trusted Electronics and Sensors

---

- **GOAL**

- Develop capabilities and partnerships necessary to obtain total life cycle management of Trusted Electronics and Sensors for SSP.

- **Objectives**

- Utilize existing capabilities, equipment and facilities to become the trusted provider for Flight Electronics and Sensors.
    - Leverage Mechanical SE infrastructure.
  - Utilize Existing capabilities, equipment and facilities to become the trusted test and evaluation house for Shipboard Electronics.
    - Leverage SP23 Fire Control relationships and Capabilities to expand into rest of Shipboard Systems.

# Ordnance Test and Evaluation

---

- **Goal**
  - Become the Small Ordnance Test and Evaluation (TE) provider of choice for SSP.
  
- **Objectives**
  - Utilize existing capabilities and relationships to become the provider of choice for Small Ordnance TE.
  - Develop analysis and reporting infrastructure necessary to provide systems level impacts of test discrepancies.



# Battery Test and Evaluation

---

- **Goal**

- Become the Strategic Weapons Systems Battery Design, Manufacturing, Test and Evaluation (TE) provider of choice for SSP.

- **Objectives**

- Utilize existing capabilities and relationships to become the provider of choice for Flight Batteries.
    - Develop analysis and reporting infrastructure necessary to provide systems level impacts of test discrepancies.
  - Utilize existing capabilities and relationships to become the shipboard battery provider for SSP.
    - Leverage existing assignment and capabilities to become the shipboard battery systems engineering facility for SSP.



# Strategic Systems Program Partnership Opportunities

---

- **NSWC Crane will use partnerships -**
  - Industry
    - Augment our workforce
    - Provide additional I capabilities
    - Production/Prototyping Manufacturing
  - Commercial
    - Off the Shelf Product
    - Commercial Test Equipment
  - Academia/Industry - Research
    - Technologies
    - Materials
    - Processes



# Strategic Systems Program Strategic Summary

---

- **NSWC Crane's SSP customer is changing its way of doing business**
- **NSWC Crane must position ourselves for the next 50 years**

## *Naval Surface Warfare Center Crane Division*

*Advance Planning Briefings for Industry*

A large blue diamond shape with a white border is centered on the slide. Inside the diamond, the text "APBI 2011" is written in a large, white, sans-serif font. The diamond is superimposed over a square frame containing four images: a submarine on the left, a missile launch on the top right, a naval ship on the bottom left, and an aircraft on the bottom right.

**APBI  
2011**

*"Warfighter Success - Supporting the Warfighter"*

